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U.S. Army Influenza Activity Report

Week Ending 19 March 2016 (Week 11)

2015-2016 Seasonal Influenza Vaccination Coverage

As of 25 February 2016

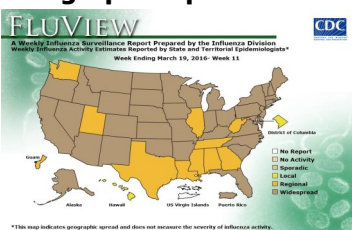
95%	DOD
97%	Army Active Duty
93%	Army Guard
84%	Army Reserve

*Source: DHA

SYNOPSIS: Overall, ILI and influenza A activity, as well as the number of specimens tested, decreased among Army populations.

- **ILI Activity:** Army incident ILI outpatient visits in week 11 decreased from week 10. ILI visits were 3% higher than the same week last year.
- **Influenza cases:** Three hospitalized influenza cases were reported to APHC (Prov) through DRSi in week 11; 1 AD service member and 2 non-AD beneficiaries. Two of the cases were not vaccinated and had underlying conditions.
- **Viral specimens:** During week 11, 533 of 1755 (30%) laboratory specimens tested positive for respiratory pathogens. RHC-A reported 149 influenza A-positive specimens, RHC-C reported 98, RHC-P reported 45, RHC-E reported 28, and CENTCOM reported 5.

Geographic Spread

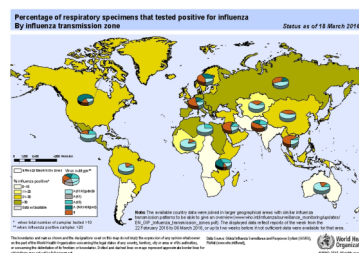


United States

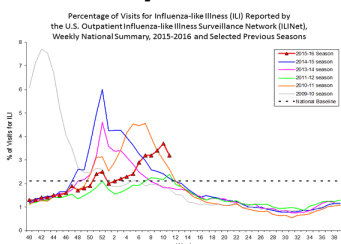
- In week 11, widespread and regional influenza activity was reported in Puerto Rico, Guam and all 49 states. The District of Columbia and Hawaii reported local influenza activity, while the US Virgin Islands did not report.

World Health Organization

- Globally, high levels of influenza activity continue to be reported. In North America, influenza activity continued to increase and pneumonia activity was above threshold levels in Mexico.



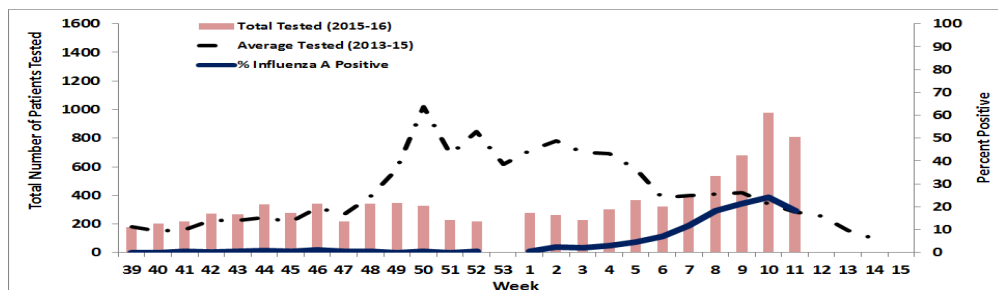
ILI Activity United States



U.S. Army Influenza Activity Report

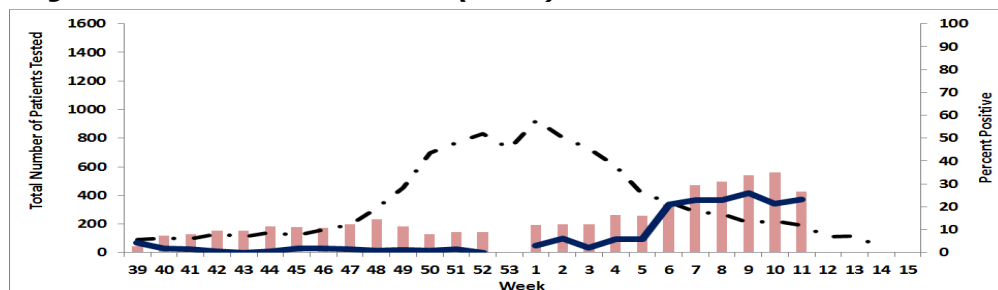
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2015-2016 as Compared to 2013-2015

Regional Health Command - Atlantic (RHC-A)



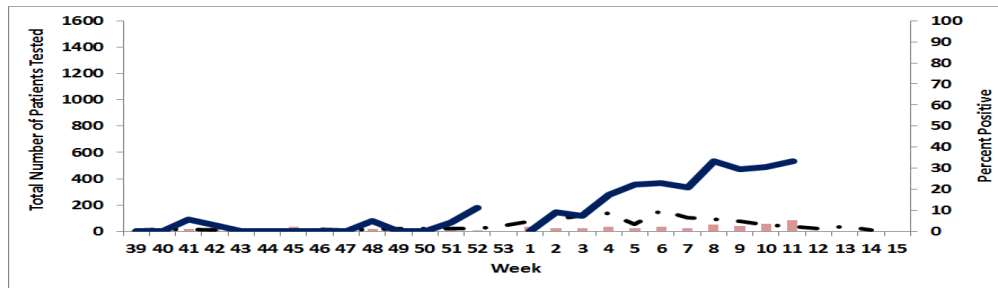
Week 11			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	87	398
18-29	6	10	84
30-39	9	5	94
40-49	4	10	84
50-59	1	6	53
60+	0	11	39
Total	20	129	752

Regional Health Command - Central (RHC-C)



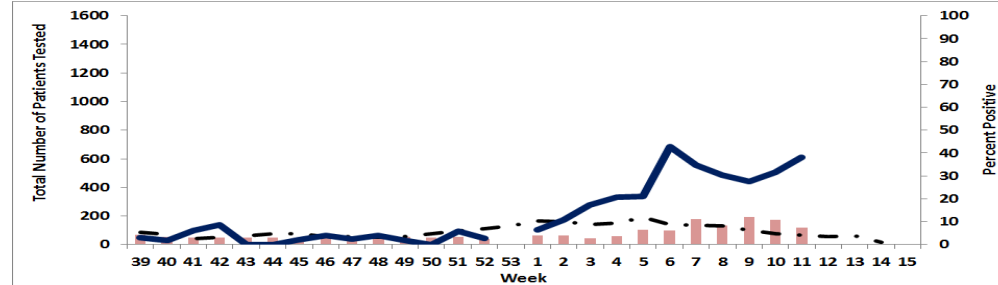
Week 11			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	54	363
18-29	4	7	105
30-39	7	10	104
40-49	2	4	67
50-59	1	3	48
60+	0	6	39
Total	14	84	726

Regional Health Command - Europe (RHC-E)



Week 11			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	13	41
18-29	2	0	19
30-39	5	2	32
40-49	4	0	14
50-59	0	2	3
60+	0	0	1
Total	11	17	110

Regional Health Command - Pacific (RHC-P)



Week 11			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	21	184
18-29	1	3	51
30-39	0	3	49
40-49	4	2	36
50-59	0	7	24
60+	0	4	26
Total	5	40	370

Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 4		Week 5		Week 6		Week 7		Week 8		Week 9		Week 10		Week 11	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
RHC-A	1	8	5	12	6	17	5	41	14	83	24	121	35	199	20	129
RHC-C	5	10	4	11	17	53	14	94	21	92	18	123	23	97	14	84
RHC-E	2	4	1	5	4	4	1	4	5	12	7	6	10	8	11	17
RHC-P	3	9	5	17	8	34	10	52	9	31	14	39	10	44	5	40
CENTCOM	0	0	1	0	0	0	0	1	0	0	0	0	0	0	2	3

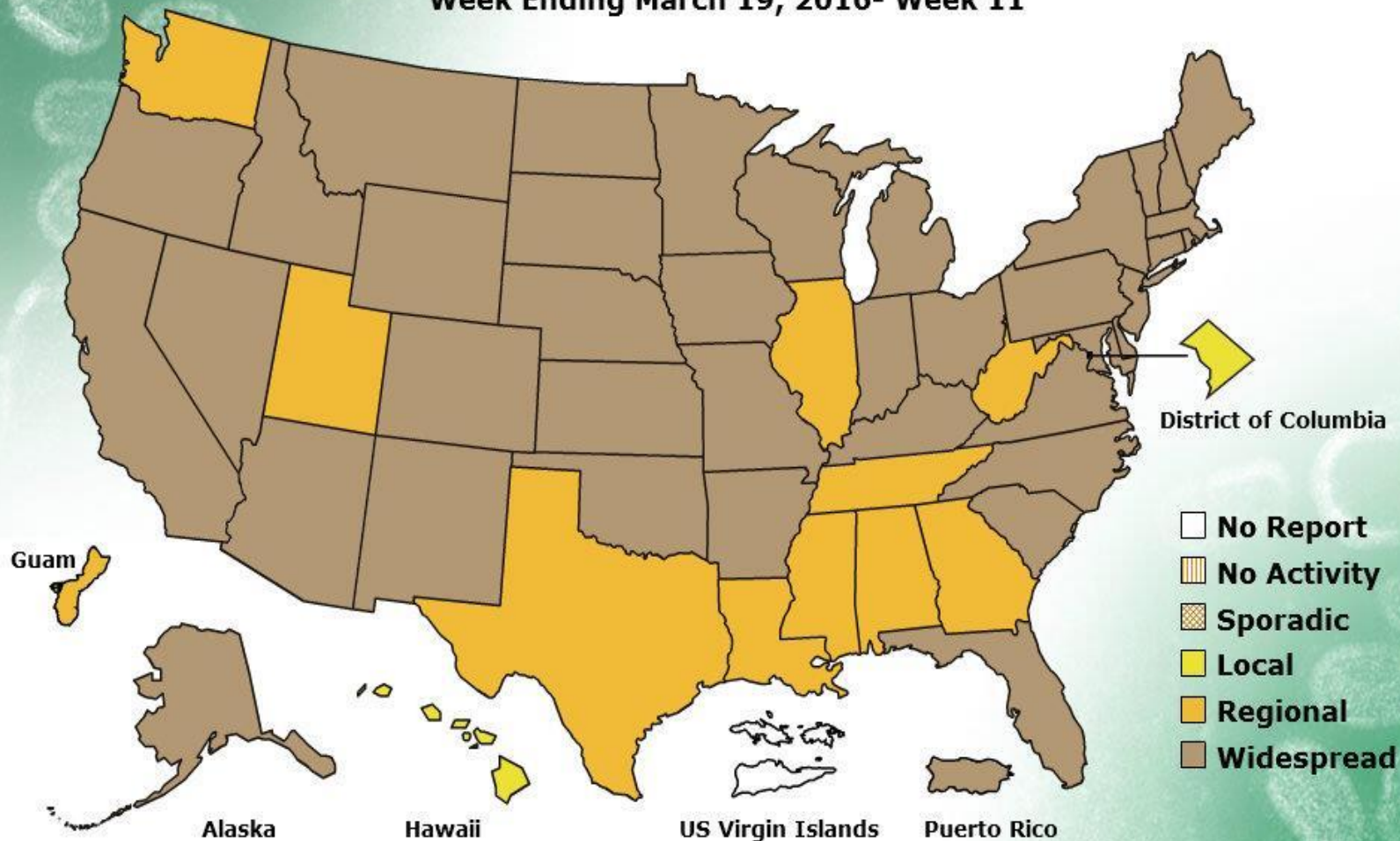
Locations providing week 11 laboratory data as of 24 March 2016: Korea, Ft Belvoir (NCR), Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Huachuca, Ft Irwin, Ft Jackson, Ft Knox, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Landstuhl, Redstone Arsenal, Tripler, and Walter Reed.

FLUVIEW



A Weekly Influenza Surveillance Report Prepared by the Influenza Division
Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists*

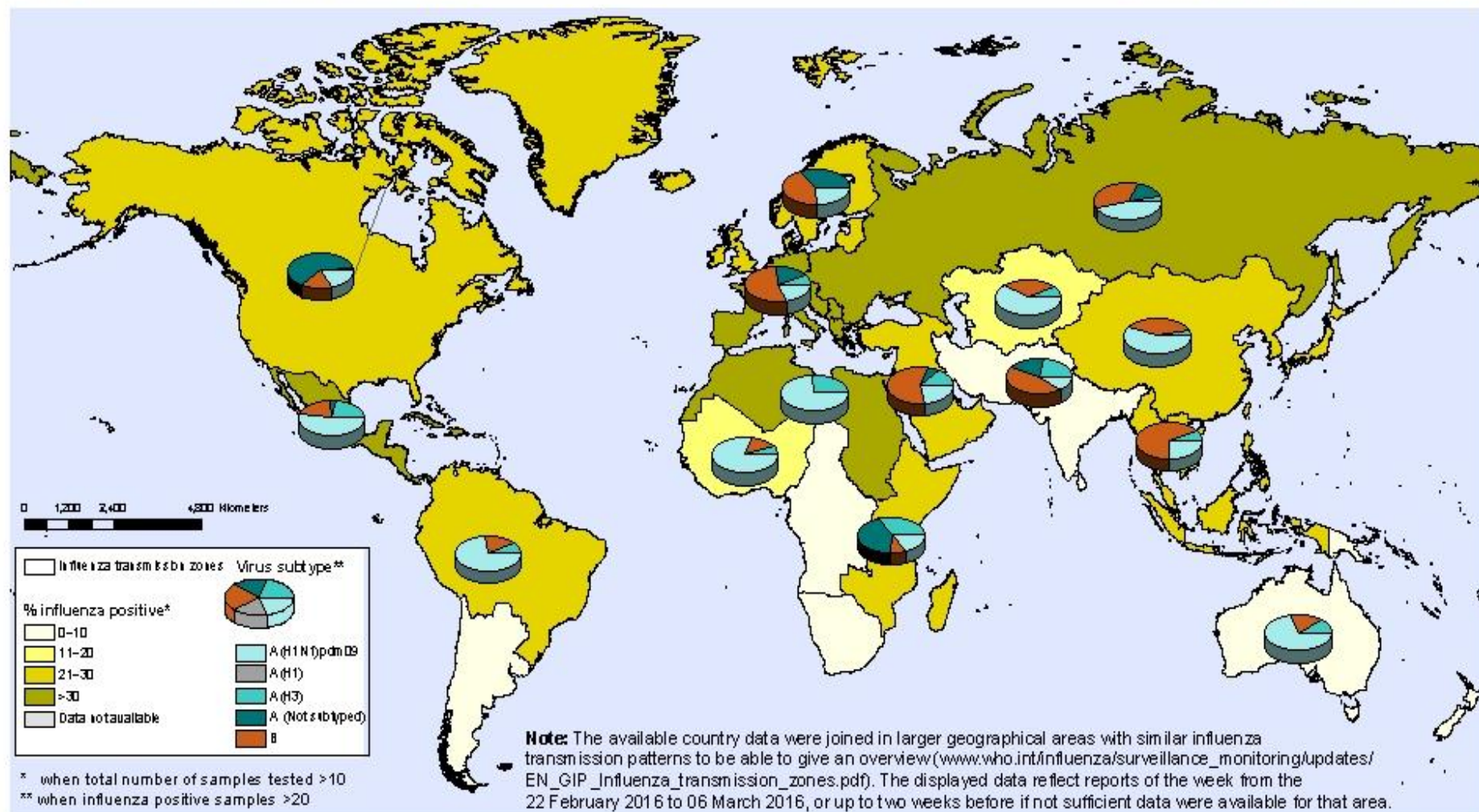
Week Ending March 19, 2016- Week 11



*This map indicates geographic spread and does not measure the severity of influenza activity.

Percentage of respiratory specimens that tested positive for influenza By influenza transmission zone

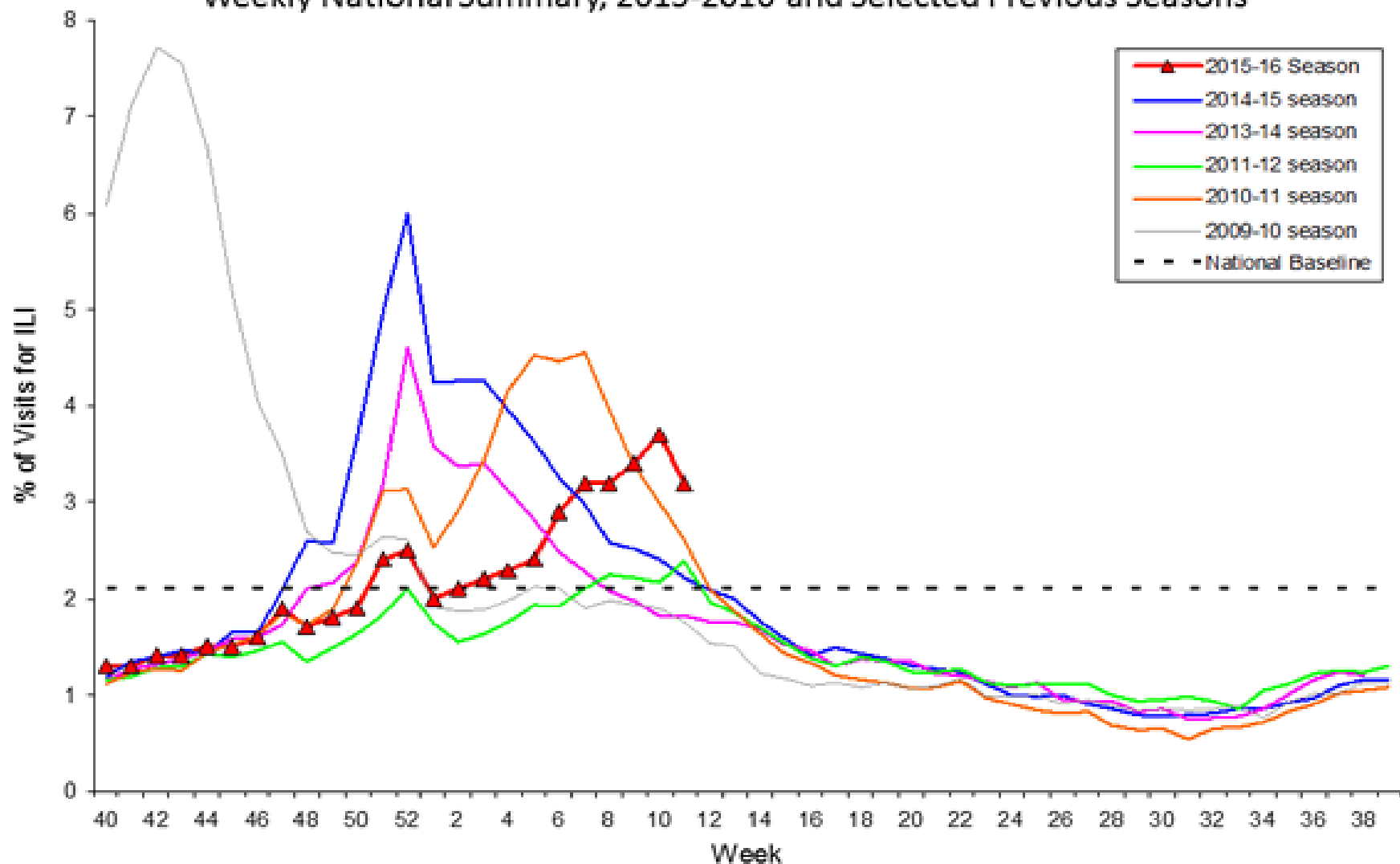
Status as of 18 March 2016



The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

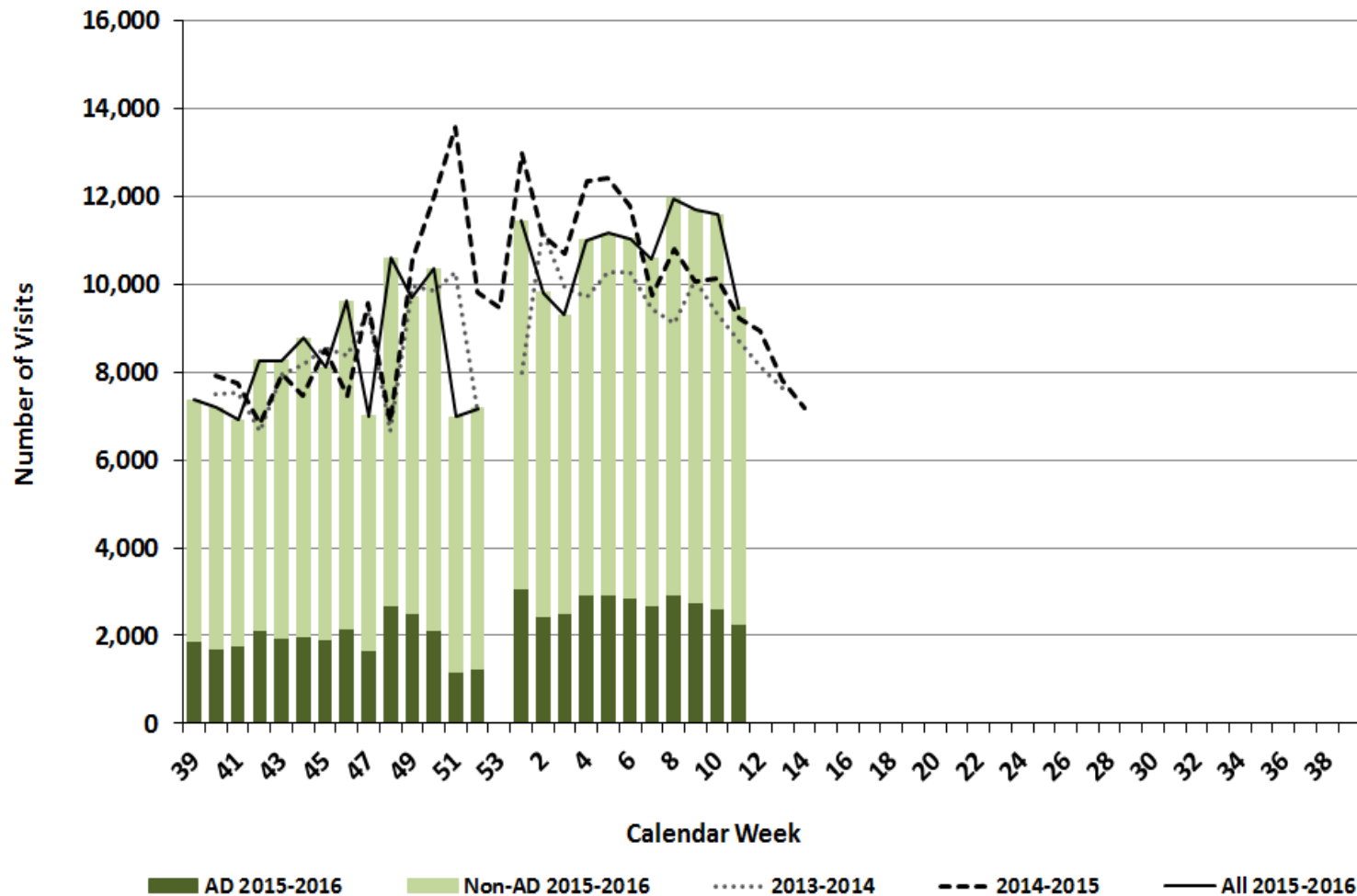
Data Source: Global Influenza Surveillance and Response System (GISRS), FluNet (www.who.int/flu-net).

Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2015-2016 and Selected Previous Seasons



ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness

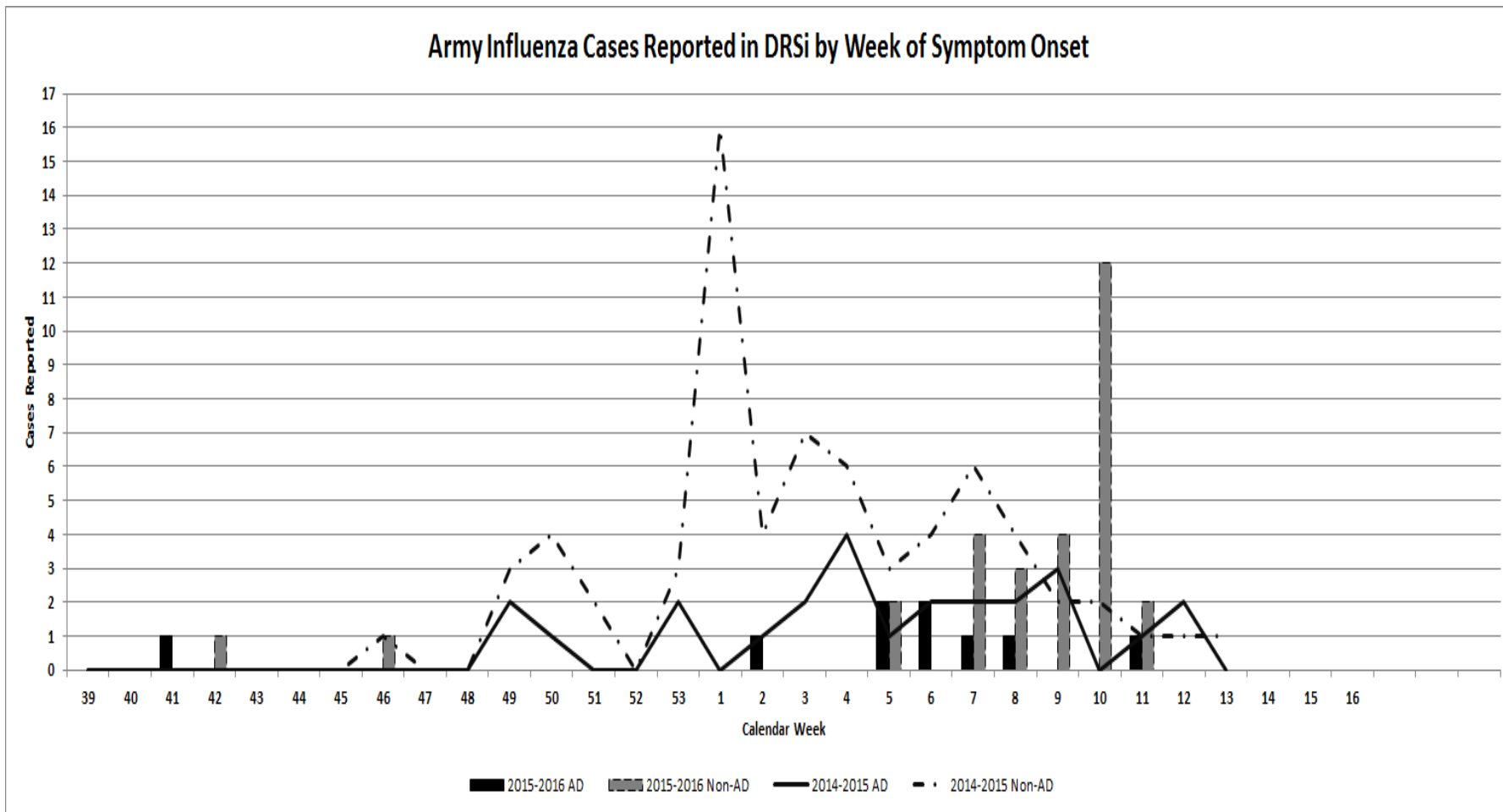
Army MTFs, All Services, 2013-2016



Clinic visits for ILI are obtained from ESSENCE. Data as of 24 March 2016.

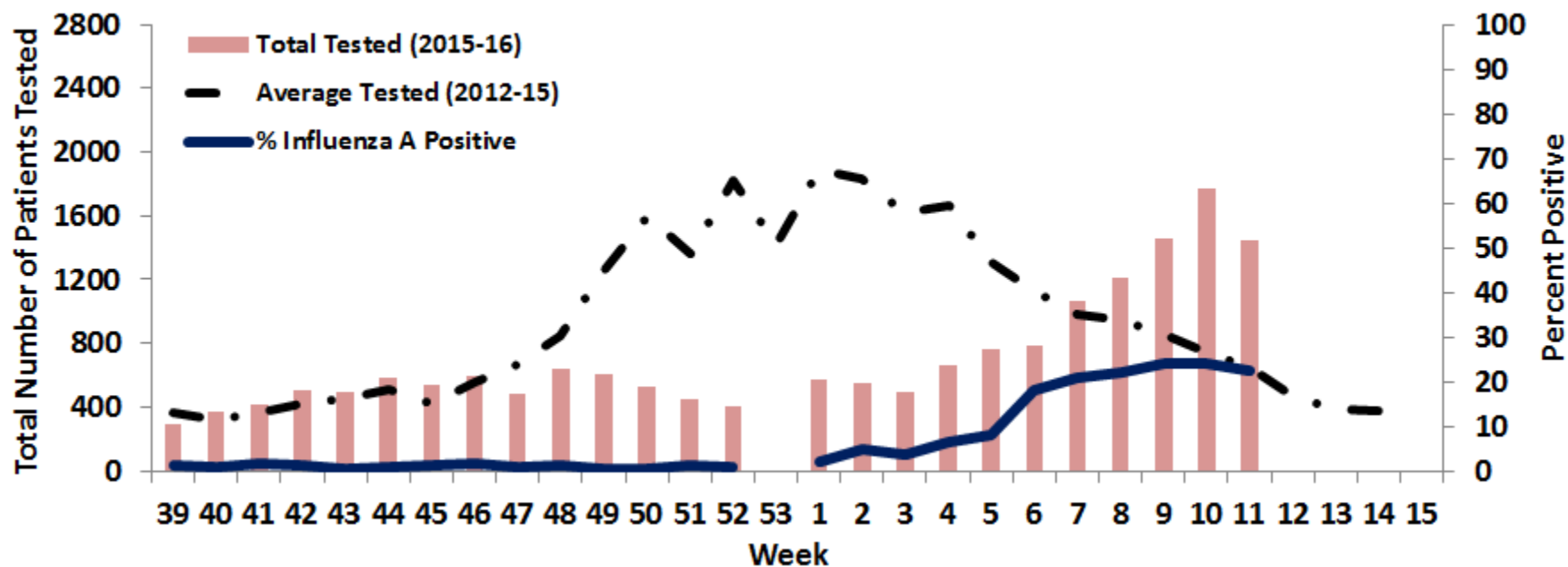
Army MTF Laboratory Results, 2015-16

Test Result	Week 8	Week 9	Week 10	Week 11	Season Total
Influenza A	267	352	426	325	1966
Influenza B	74	118	115	115	643
Adenovirus	7	14	13	20	238
Enterovirus	1	0	0	0	21
Parainfluenza	1	5	3	6	215
RSV	97	131	84	67	1727
<i>Negative</i>	<i>1062</i>	<i>1192</i>	<i>1444</i>	<i>1222</i>	17370
Total Results	1509	1812	2085	1755	22180

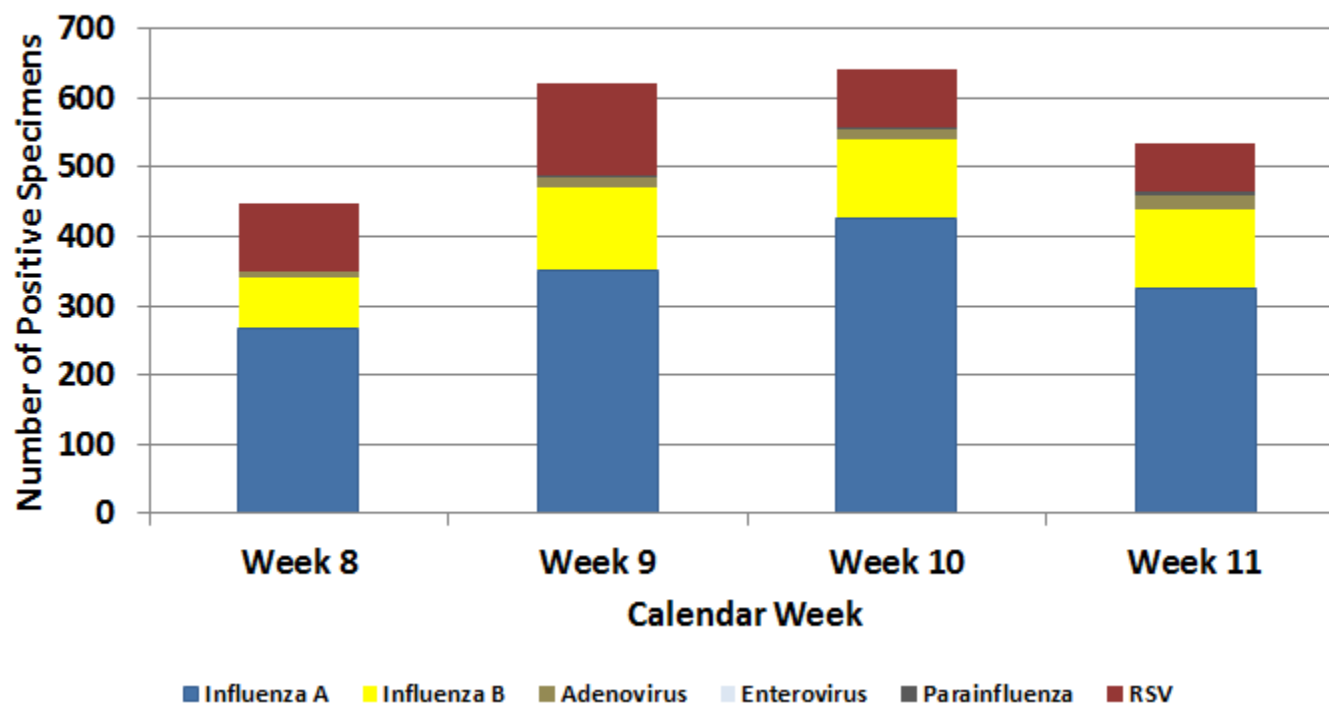


Note: Reportable influenza cases are defined as only cases that have been hospitalized and are under the age of 65. See [Armed Forces Reportable Medical Events Guidelines and Case Definitions](#) for more information
Data as of 24 March 2016.

Proportion of Positive Influenza A Specimens for U.S. Army 2015-2016



Positive Respiratory Specimen Results from Army MTFs by Virus, 2015-2016 Influenza Season



Number of Positive Influenza A Specimens by Duty Status and Region

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CENTCOM	0	0	1	0	0	0	0	1	0	0	0	0	0	0	2	3